

LIME

Bergamo Orio Al Serio

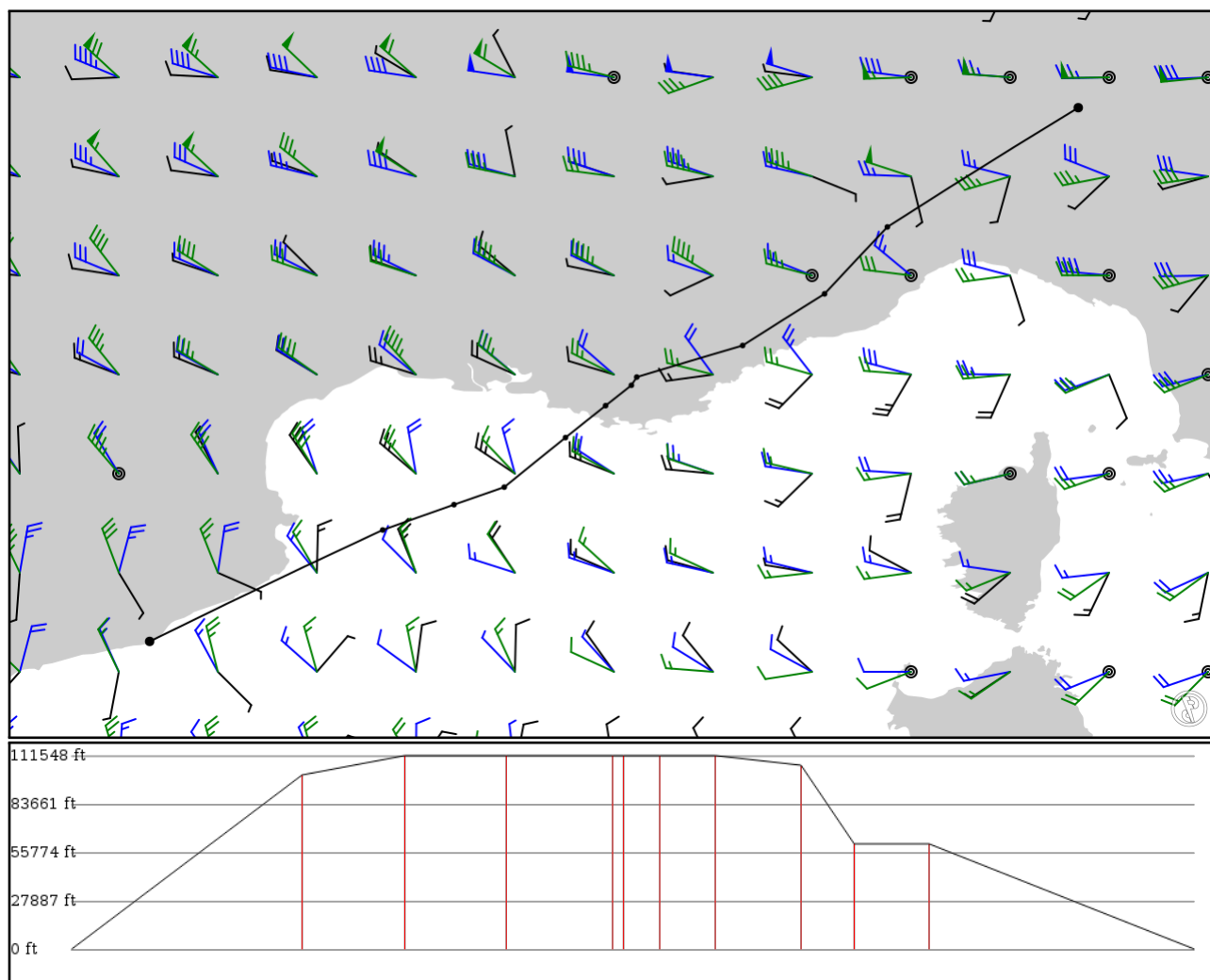
LEBL

Barcelona - El Prat

2024/05/15 0334Z

LIME NEDED **UM984** GANGU MAXIR **UN870** SOSUR **N86** MAMES LEBL

430.91 nm / 798.05 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LIME	-	45.67200	0 ft	-	Bergamo Orio Al Serio
APT	-	9.70689	0 m	-	
NEDED	-	44.69389	30,600 ft	88	-
FIX	-	8.14056	9,327 m	-	-
VAMTU	UM984	44.14556	34,000 ft	39	-
FIX	AWY-HI	7.62528	10,363 m	-	-
KOLON	UM984	43.72194	34,000 ft	38	-
FIX	AWY-HI	6.95333	10,363 m	-	-
GANGU	UM984	43.46306	34,000 ft	40	-
FIX	AWY-HI	6.08472	10,363 m	-	-
MAXIR	-	43.39556	34,000 ft	4	-
FIX	-	6.04056	10,363 m	-	-
ADITA	UN870	43.22861	34,000 ft	13	-
FIX	AWY-HI	5.82889	10,363 m	-	-
ROTIS	UN870	42.96667	34,000 ft	21	-
FIX	AWY-HI	5.50000	10,363 m	-	-
SOSUR	UN870	42.56028	32,300 ft	32	-
FIX	AWY-HI	4.99750	9,845 m	-	-
BALMO	N86	42.41667	18,500 ft	20	-
FIX	AWY-LO	4.58528	5,639 m	-	-
MAMES	N86	42.20917	18,500 ft	28	-
FIX	AWY-LO	4.00028	5,639 m	-	-
LEBL	-	41.29511	0 ft	101	Barcelona - El Prat
APT	-	2.08803	0 m	-	

LIME

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 776 ft / 237 m
Location: 45.672000 9.706810
Magnetic Var: 3.345 E

METAR

LIME 150250Z 06005KT 7000 RA BKN045 BKN060 15/13 Q1009 NOSIG

TAF

TAF LIME 150115Z 1500/1524 10013KT 4000 RA BKN020 TEMPO 1506/1518 3000 +TSRA BECMG 1516/1518 VRB05KT

Frequencies

GND - 120.50 MHz - ORIO GROUND
REC - 114.95 MHz - ATIS
APP - 126.75 MHz - MILANO RADAR

TWR - 125.87 MHz - ORIO TOWER
APP - 126.30 MHz - MILANO RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	59 ft	2,670 ft	121.46	ASPHALT	200 ft	0 ft
	18 m	814 m	118.12		61 m	0 m
30	59 ft	2,670 ft	301.47	ASPHALT	312 ft	0 ft
	18 m	814 m	298.12		95 m	0 m
10	148 ft	9,439 ft	104.87	ASPHALT	718 ft	0 ft
	45 m	2,877 m	101.53		219 m	0 m
28	148 ft	9,439 ft	284.90	ASPHALT	443 ft	0 ft
	45 m	2,877 m	281.55		135 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	DME	BRM	108.70 MHz	18 nm	-	-	779 ft
				33 km	-		779 m
28	LOC-ILS	BRM	108.70 MHz	18 nm	285.08	-	779 ft
				33 km	281.74		779 m
28	GS	BRM	108.70 MHz	10 nm	285.80	3.00	779 ft
				19 km	282.46		779 m

LEBL

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 3

Elevation: 14 ft / 4 m
Location: 41.295100 2.088030
Magnetic Var: 1.543 E

METAR

LEBL 150300Z VRB02KT 9999 FEW014 BKN032 17/13 Q1006 NOSIG

TAF

TAF LEBL 142300Z 1500/1524 VRB04KT 9999 SCT020 TX20/1512Z TN15/1506Z PROB40 TEMPO 1504/1512 3000 SHRA FEW020TCU P

Frequencies

REC - 121.97 MHz - ATIS	REC - 118.65 MHz - ATIS
TWR - 118.32 MHz - BARCELONA TOWER	TWR - 118.10 MHz - BARCELONA TOWER
TWR - 122.82 MHz - BARCELONA TOWER	TWR - 122.10 MHz - BARCELONA TOWER
GND - 122.22 MHz - BARCELONA GROUND	GND - 121.70 MHz - BARCELONA GROUND
GND - 121.65 MHz - BARCELONA GROUND	CLD - 121.80 MHz - CLEARANCE DELIVERY
APP - 121.15 MHz - BARCELONA APPROACH	APP - 119.10 MHz - BARCELONA APPROACH
APP - 135.27 MHz - BARCELONA APPROACH	APP - 133.97 MHz - BARCELONA APPROACH
APP - 131.12 MHz - BARCELONA APPROACH	APP - 127.70 MHz - BARCELONA APPROACH
APP - 126.50 MHz - BARCELONA APPROACH	APP - 124.70 MHz - BARCELONA APPROACH
APP - 125.25 MHz - BARCELONA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	148 ft	8,307 ft	18.91	ASPHALT	0 ft	0 ft
	45 m	2,532 m	17.37		0 m	0 m
20	148 ft	8,307 ft	198.92	ASPHALT	0 ft	226 ft
	45 m	2,532 m	197.38		0 m	69 m
07R	197 ft	8,722 ft	65.48	ASPHALT	0 ft	0 ft
	60 m	2,658 m	63.94		0 m	0 m
25L	197 ft	8,722 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	2,658 m	243.96		0 m	0 m
07L	197 ft	10,984 ft	65.48	ASPHALT	1,401 ft	0 ft
	60 m	3,348 m	63.94		427 m	0 m
25R	197 ft	10,984 ft	245.50	ASPHALT	0 ft	0 ft
	60 m	3,348 m	243.96		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	DME	BLT	108.75 MHz	25 nm	-	-	12 ft
				46 km	-		12 m
07L	DME	QAA	110.30 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
07R	DME	BLE	110.75 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25L	DME	BLW	111.50 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
25R	DME	BCA	109.50 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
02	LOC-ILS	BLT	108.75 MHz	18 nm	18.92	-	14 ft
				33 km	17.38		14 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	LOC-ILS	QAA	110.30 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
07R	LOC-ILS	BLE	110.75 MHz	18 nm	65.50	-	14 ft
				33 km	63.96		14 m
25L	LOC-ILS	BLW	111.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
25R	LOC-ILS	BCA	109.50 MHz	18 nm	245.50	-	14 ft
				33 km	243.96		14 m
02	GS	BLT	108.75 MHz	10 nm	18.92	3.00	14 ft
				19 km	17.38		14 m
07L	GS	QAA	110.30 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
07R	GS	BLE	110.75 MHz	10 nm	65.50	3.00	14 ft
				19 km	63.96		14 m
25L	GS	BLW	111.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m
25R	GS	BCA	109.50 MHz	10 nm	245.50	3.00	14 ft
				19 km	243.96		14 m